AMENDMENTS TO THE CLAIMS

Please **REWRITE** claims 1, 7–11, 14–17, 19–22, and 24–25. Please **CANCEL** claims 6

and 23. For the Examiner's convenience, this Second Preliminary Amendment includes the text

of all claims under examination, a parenthetical expression for each claim to indicate the current

status of the claim, and markings to show the changes to a claim relative to the immediate prior

version of that claim.

1.   (Currently Amended) A system for managing digital resources on a network, the network

connects to at least one network site having at least one network server to access a first

digital resource and a second digital resource, the first digital resource having a link to the

second digital resource, the system comprising:

a change-detection system connected to the network, comprising: wherein the change-

~~detection system examines the first digital resource and the second digital resource~~

~~to detect an error in the link to the second digital resource; and~~

a collection system for retrieving metadata from said at least one network site, and

storing the metadata in a database, wherein the metadata describes said at

least one network server, the first digital resource, the second digital

resource, and the link to the second digital resource; and

a detection system for examining the metadata to identify the link to the second

digital resource, sending a connection request to said at least one network

server for the second digital resource, receiving a status code in response to

the connection request, and examining the status code; and

a notification system for communicating ~~that communicates~~ a message ~~describing the error~~

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to an author <u>based on a value of the status code, wherein when the status code</u>

<u>indicates that the connection request did not succeed normally, the message includes</u>

<u>a description of the status code and the metadata related to the status code</u> ~~of the first~~

~~digital resource~~.

2.   (Original) The system of claim 1 further comprising:

a registration system connected to the network, the registration system having an interface

        for a subscriber to create an association in a database between the author and the first

        digital resource.

3.   (Original) The system of claim 2, wherein the notification system further comprises:

a first notification subsystem that submits a query to the database to retrieve the author of

        the first digital resource; and

a second notification subsystem that determines the author of the first digital resource if the

        query by the first notification subsystem fails to retrieve the author of the first digital

        resource.

4.   (Original) The system of claim 3, wherein the second notification subsystem determines the

        author of the first digital resource by applying heuristic algorithms and performing a

        probabilistic analysis.

5.   (Original) The system of claim 1 further comprising:

an administrative system having an interface for an operator to maintain the system.

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6.   (Canceled).

7.   (Currently Amended) The system of claim 1 6, wherein the collection system includes a
Web-crawler that retrieves metadata data from said at least one network site.

8.   (Currently Amended) The system of claim 1, wherein the notification system includes a
resolution system that generates the message describing the error in the link to the second
digital resource.

9.   (Currently Amended) The system of claim 1, wherein the message further includes at least
one resolution for the error.

10.   (Currently Amended) The system of claim 9, wherein the message further includes a
recommended resolution for the error.

11.   (Currently Amended) The system of claim 10, wherein the message further includes a
modified first digital resource comprising a copy of the first digital resource altered by
application of the recommended resolution for the error.

12.   (Original) The system of claim 11, wherein the notification system further communicates a
request to said at least one network server to replace the first digital resource with the
modified digital resource.

13.   (Original) The system of claim 12, wherein the message includes an indication that the

notification system replaced the first digital resource with the modified first digital resource.

14.   (Currently Amended) A method for managing digital resources on a network, the network

connects to at least one network site having at least one network server to access a first

digital resource and a second digital resource, the first digital resource having a link to the

second digital resource, the method comprising the steps of:

creating an association in a database between an author and the first digital resource;

retrieving metadata ~~data~~ from said at least one network site, the metadata describing said at

least one network server, the first digital resource, the second digital resource, and

the link to the second digital resource;

storing the metadata ~~data~~ in the database;

examining the metadata to identify the link to the second digital resource ~~first digital~~

~~resource and the second digital resource to detect an error in the link to the second~~

~~digital resource~~;

sending a connection request to said at least one network server for the second digital

resource;

receiving a status code in response to the connection request;

examining the status code; and

~~generating a message describing the error; and~~

communicating a ~~the~~ message to the author based on a value of the status code, ~~of the first~~

~~digital resource~~

wherein when the status code indicates that the connection request did not succeed

normally, the message includes a description of the status code and the metadata

related to the status code.

15.   (Currently Amended) The method of claim 14, wherein the message further includes

including at least one resolution for the disparate content.

16.   (Currently Amended) The method of claim 15, wherein the message further includes

including a recommended resolution for the disparate content.

17.   (Currently Amended) The method of claim 16, wherein the message further includes

including a modified first digital resource comprising a copy of the first digital resource

altered by application of the recommended resolution.

18.   (Original) The method of claim 17, wherein the communicating step further comprises:

transmitting a request to said at least one network server to replace the first digital resource

with the modified first digital resource.

19.   (Currently Amended) The method of claim 18, wherein the message further includes

including an indication that said at least one network server replaced the first digital resource

with the modified first digital resource.

20.   (Currently Amended) The method of claim 14, wherein the generating step further

comprising comprises:

querying the database for the author of the first digital resource.

21.   (Currently Amended) The method of claim 20, wherein when if the querying step fails to

retrieve the author of the first digital resource, the querying generating step further

comprises:

applying heuristic algorithms; and

performing a probabilistic analysis.

22.   (Currently Amended) Computer executable software code stored on a computer readable

medium, the code for managing digital resources on a network, the network connects to at

least one network site having at least one network server to access a first digital resource and

a second digital resource, the first digital resource having a link to the second digital

resource, the code comprising:

code to create an association in a database between an author and the first digital resource;

code to store metadata in a database, the metadata describing said at least one network

         server, the first digital resource, the second digital resource, and the link to the

         second digital resource;

code to detect a change in the link to the second first digital resource; and

code to receive a status code in response to a connection request to said at least one network

         server for the second digital resource;

code to communicate a message to notify the author based on a value of the status code,

wherein when the status code indicates that the connection request did not succeed

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normally, the message includes a description of the status code and the metadata

related to the status code ~~of the change in the first digital resource~~.

23.   (Canceled).

24.   (Currently Amended) The computer executable software code of claim 23, wherein the code

to communicate ~~notify~~ the message ~~author~~ further comprises:

code to generate the ~~a~~ message to include a description of ~~describing~~ a resolution ~~for the~~

~~error; and~~

~~code to communicate the message to the author of the first digital resource~~.

25.   (Currently Amended) The computer executable software code of claim 24, wherein the code

to communicate the message further comprises:

code to query the database for the author of the first digital resource; and

code to determine the author of the first digital resource by applying heuristic algorithms

and performing a probabilistic analysis when ~~if~~ the code to query the database does

not retrieve the author of the first digital resource.

26.   (Original) The computer executable software code of claim 22 further comprising:

code to maintain the database and software processes.